(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 31 March 2005 (31.03.2005)

PCT

(10) International Publication Number WO 2005/028657 A2

- (51) International Patent Classification7: C12N 15/85. 5/10, A01K 67/027, C12N 9/16, C07K 14/59, C12N 9/18, G01N 33/50, A61K 49/00
- (21) International Application Number:

PCT/GB2004/004054

(22) International Filing Date:

23 September 2004 (23.09.2004)

(25) Filing Language:

English

(26) Publication Language:

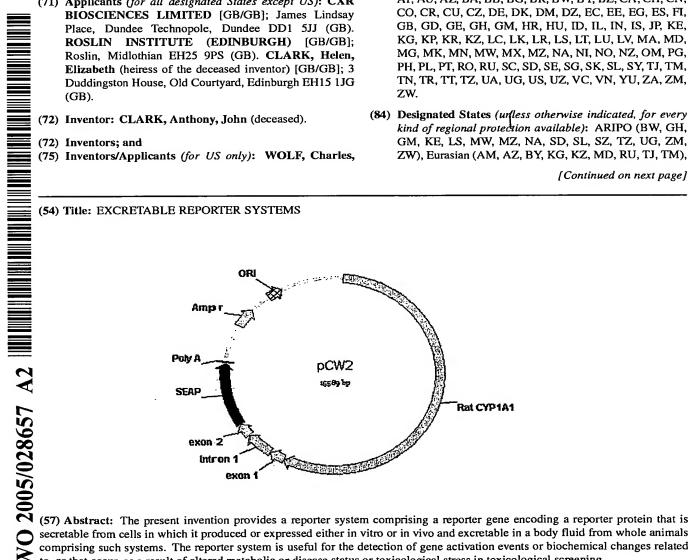
English

(30) Priority Data: 23 September 2003 (23.09.2003) 0322196.7

- (71) Applicants (for all designated States except US): CXR BIOSCIENCES LIMITED [GB/GB]; James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).

Roland [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB). WHITELAW, Christopher, Bruce, Alexander [GB/GB]; Roslin Institute (Edinburgh), Roslin, Midlothian EH25 9PS (GB). BROWN, Kenneth [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB). TEMPERLEY, Simon, Martin [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).

- (74) Agent: HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,



secretable from cells in which it produced or expressed either in vitro or in vivo and excretable in a body fluid from whole animals comprising such systems. The reporter system is useful for the detection of gene activation events or biochemical changes related to, or that occur, as a result of altered metabolic or disease status or toxicological stress in toxicological screening.



WO 2005/028657 A2



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.